

## **Report to the Executive Board of the Legislative Council**

University of Nebraska  
University of Nebraska- Lincoln  
Institute of Agriculture and Natural Resources  
Update of the Assessing Climate Change report

The Institute of Agriculture and Natural Resources (IANR), through the \$150K federal American Rescue Plan Act funding appropriated in LB1014, will update the Assessing Climate Change report originally released in 2014.

The purpose of this project, as originally outlined in LB 1014, is to update the report and engage a third-party science-based organization to develop an independent analysis that identifies and recommends specific prescriptive measures to be taken by the State of Nebraska. The report update will be conducted by faculty members in the School of Natural Resources at IANR. Per specific identification in LB1014, the independent third-party analysis shall include the following prescriptive measures:

- A conservation and management plan under section 320 of the federal Clean Water Act.
- Plans for green infrastructure investments and projects to improve resilience to climate change.

This project will contribute current resources to better inform State of Nebraska efforts to enhance water conservation, efficiency and reuse efforts. It will also identify and inform opportunities to develop and implement green infrastructure practices such as green roofs, rainwater harvesting and permeable pavement.